

Appl. No.: 11/832,450
Amdt. dated July 1, 2009
Reply of Office action of May 1, 2009

Docket No. CL-10388

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-6 as indicated among the following complete set of pending claims:

Claims 1-6. (Canceled)

Claim 7. (Previously Amended) An automatic cleaning system of an organic waste decomposition device, comprising:

- a hopper which is connected with a fermentation tank of an organic waste decomposition device using a suction line and is adapted to suck a remaining substance from the fermentation tank and store the same;

- a twist screen having a multi-step screen and a vibrator motor which is adapted to filter a remaining substance supplied from the hopper using a vibration generated by the vibrator motor and separates the same into a recyclable substance and a non-recyclable substance and discharge the same;

- an eject hopper which is adapted to store a recyclable substance separated and discharged from the twist screen;

- a cyclone which is connected with the eject hopper by a pressure line and is adapted to re-supply a recyclable substance supplied from the eject hopper to a fermentation tank of an organic waste decomposition device and to return a part of the same to the hopper; and

- a ring blower which is adapted to suck air from the hopper for thereby implementing a decreased pressure state in the interior of the hopper and to generate a certain air pressure for transferring a recyclable substance from the eject hopper to the cyclone.

Claim 8. (Original) The system of claim 7, wherein said hopper includes an air supplier adapted to supply air for downwardly moving a remaining substance sucked in the hopper.

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Claim 9. (Original) The system of claim 8, wherein said hopper includes a filter bag capable of eliminating a foreign substance from the air supplied through the air supplier.

Claim 10. (Original) The system of claim 7, wherein said hopper includes a rotary valve which is installed in a lower portion of the hopper and is adapted to adjust the amount of a remaining substance supplied to the twist screen.